

## Installing the Extreme Networks WS-C35 Identifi Wireless Appliance

**Electrical Hazard:** Only qualified personnel should perform installation procedures.

**Warning:** Install the Identifi Wireless Appliance WS-C35 in a Restricted Access Location only. Access to the equipment by users must be restricted through the use of a tool or lock and key or other means of security and is controlled by the authority responsible for the location.

**Caution:** An antistatic wrist strap is required to perform the following procedures to minimize ESD damage to the devices involved.

These installation instructions provide a general outline to quickly install and configure the WS-C35 Identifi Wireless Appliance.

For product support, including documentation, visit:

[www.extremenetworks.com/support/](http://www.extremenetworks.com/support/)

### Unpacking the Appliance

Unpack your appliance and confirm that the carton contains the following contents:

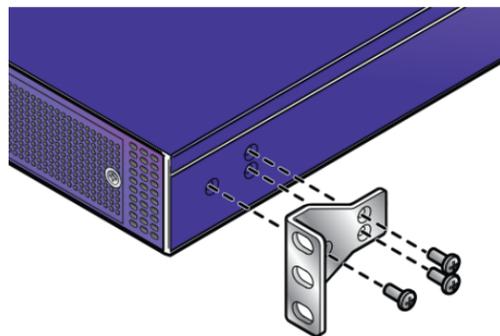
- The WS-C35 Identifi Wireless Appliance
- Six rack mount screws
- Console cable
- This *Quick Reference*

**Note:** The WS-C35 appliance does not include an AC power cord. To purchase the correct power cord for your location, refer to [www.extremenetworks.com/product/powercords/](http://www.extremenetworks.com/product/powercords/).

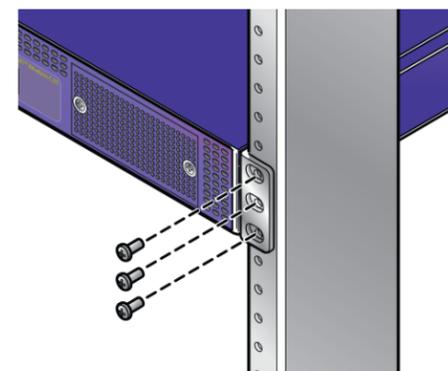
### Mounting the Appliance

- If you are installing the appliance in a rack:
  - Align the holes (three on each side) of the WS-C35 with the thru holes of each bracket (one on each side) and tighten six screws (see *Figure 1*).
  - Insert the rack mounting screws into the thru holes in the front of the WS-C35 bracket (three on each side) and through the holes in the rack (see *Figure 2*).

**Figure 1 Attaching Brackets to the WS-C35**



**Figure 2 Rack Mounting the WS-C35**

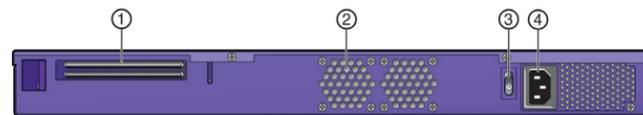


- If you are installing the appliance on a table, ensure at least 6 cm (2.4") of clearance on all sides of the appliance for proper ventilation.

### Connecting to Power

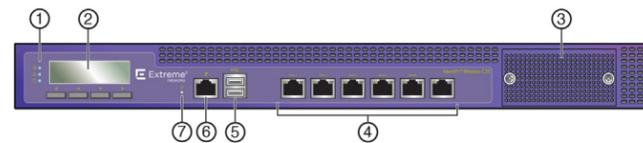
- Connect the AC power cord (must be ordered separately) to the power supply (*Figure 3*, item 4).
- Plug the other end of the cable into a grounded electrical outlet or to a separate power source such as an uninterruptible power supply (UPS) or a power distribution unit (PDU).
- Connect your laptop computer with a browser to the console port (*Figure 4*, item 6).
- Power on the appliance. The power switch is on the back panel as shown in *Figure 3*, item 3.

**Figure 3 WS-C35 Back Panel**



- |            |                   |
|------------|-------------------|
| 1 Not used | 3 Power Switch    |
| 2 CPU-Fan  | 4 AC Power Socket |

**Figure 4 WS-C35 Front Panel**

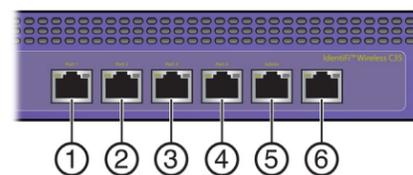


- |  |                           |
|--|---------------------------|
| 1 System Status LEDs (see <i>Table 1</i> ) | 5 USB Ports (2 x USB 2.0) |
| 2 LCD System Panel with Keypad             | 6 Console Port            |
| 3 Not used                                 | 7 Reset Switch            |
| 4 Ethernet Ports (see <i>Figure 5</i> )    |                           |

**Note:** Although the appliance has two USB ports (*Figure 4*, item 5), only one port can be in use at any one time.

**Note:** The LCD System Panel (*Figure 4*, item 2) is only used to display simple text strings (e.g., "Extreme C35" and "Upgrade").

**Figure 5 WS-C35 Ethernet Ports**



- |                            |                            |
|----------------------------|----------------------------|
| 1 Data Port 1: 1GbE (esa0) | 4 Data Port 4: 1GbE (esa3) |
| 2 Data Port 2: 1GbE (esa1) | 5 Mgmt Port: 1GbE (eth0)   |
| 3 Data Port 3: 1GbE (esa2) | 6 Not used, plugged        |

### System Status LED Indicator Codes

Power/Status/HDD LEDs (*Figure 4*, item 1) on the front panel of the WS-C35 provide critical information including network and hard drive activity, and whether power is present. Refer to *Table 1* for descriptions of the LEDs functions.

**Table 1 Power/Status/HDD LEDs**

LED	Function
	Power: When this LED is on, it indicates power is supplied to the WS-C35 power supply unit. This LED should be illuminated when the system is operating.
	Status: When lit Green, it indicates operational state is normal. When lit Red, it indicates a system malfunction.
	Hardisk (HDD): When this LED flashes, it indicates hard drive activity. Otherwise, the LED remains off.

### Power Supplies

**Table 2 WS-C35 Power Supply Specifications**

WS-C35 Model	Power Supply
<b>Fixed power supply with front-to-back airflow</b>	
FSP150-50LE	100-240Vac, 50-60Hz, 3-1.5A Max. Output Power: 150W

### WS-C35 Specifications

#### Temperature and Humidity

Operating: 5°C to 40°C (32°F to 104°F)  
Storage: -40°C to 70°C (-40°F to 158°F)  
Operating relative humidity: 8% to 90% (non-condensing)

### WS-C35 Dimensions

- Height: 44 mm (1.732")
- Width: 431 mm (16.969")
- Depth: 305 mm (12.008")

### Ethernet Port LED Indicator Codes

Each of the five Ethernet ports (*Figure 5*) provide two LED indicators—the LED to the left of the port identifies the speed of the network, and the LED to the right of the port displays network link activity (see *Table 3* for more information).

**Table 3 Management Port LEDs**

LED	Function
Network Speed	Off = 10Mbps Green = 100Mbps Amber = 1000Mbps
Activity/Link	Off = No Link Amber = Active link Blinking Amber = Network activity

### Initial Network Connection and Configuration

#### Configuring the Management Interface via Console Port

**Note:** The WS-C35 must be upgraded to the latest Identifi wireless software before installing the controller on the network.

- Connect the laptop serial port to the appliance console port through the provided console cable. If the laptop does not support RS232 interface then obtain a USB to RS232 converter cable which then connects to the RJ45-DB9F cable.

- Using PuTTY, TeraTerm, or other terminal emulator, connect to the serial port connection. Be sure that your serial connection is set properly:
  - 115200 baud
  - 8 data bits
  - 1 stop bit

- Using the console session, perform the following:
  - At the password prompt, enter user: **admin**
  - For the initial password, enter: **abc123**
  - Press **ENTER**.
- Read the configuration script paragraph carefully. The configuration script will walk you through configuring the following:
  - Admin Password
  - Host Attributes Settings
  - Time Settings
  - SNMP Settings
  - Data Plane Settings
- At the end of each session, if you enter **Yes**, then it will move to the next session. If you answer **No**, the session configuration is repeated.
- Press **ENTER**.
- The Controller Post Installation Configuration Menu pops up right after the last session is applied. Enter **6** to apply settings and exit or other number for repeating the setup.
- Connect the appliance's management port to the enterprise Ethernet LAN. The system is now visible to the enterprise network.
- Launch your web browser and in the browser address bar, type: **https://Your\_Mgmt\_Ipaddress:5825**. The Identifi Extreme Networks Wireless Assistant logon screen is displayed.
- On the logon screen:
  - User name: enter **admin**
  - Password: enter **abc123**
  - Click **Login**.

**Note:** An installation wizard is available to help configure the WS-C35 for new deployments. Refer to the *Identifi Wireless User Guide* for more information.

### Configuring the Management Interface via the Management Port

You can retain the default IP address of the controller's management interface if you do not intend to connect the controller to your enterprise network. If you do intend to connect the controller to your network follow these steps:

**Note:** The WS-C35 must be upgraded to the latest Identifi wireless software before installing the controller on the network.

- Connect a laptop to the management port of the controller.
- Configure the Ethernet port of the laptop with a statically assigned unused IP address in the 192.168.10.0/24 subnet.
- Launch your Web browser and in the browser address bar, type **https://192.168.10.1:5825** (192.168.10.1 is the default IP address on the controller's management port). The Identifi Extreme Networks Wireless Assistant logon screen is displayed.
- On the Wireless Assistant logon screen, enter the following:
  - User name: enter **admin**
  - Password: enter **abc123**
  - Click **Login**.
  - An installation wizard is displayed.
- Complete the installation wizard to configure the WS-C35 for new deployments. The wizard guides you through the initial system configuration steps necessary to deploy the appliance.
- Disconnect your laptop from the appliance's management port.
- Connect the appliance's management port to the enterprise Ethernet LAN.
- Log on to the Identifi Extreme Networks.

**Note:** The system is now visible to the enterprise network. Refer to the *Identifi Wireless User Guide* for more information.

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### Warranty

Warranty information for WS-C35 Appliance is located online at: [www.extremenetworks.com/go/warranty](http://www.extremenetworks.com/go/warranty)

### Support

For product support, including documentation, visit: [www.extremenetworks.com/support/](http://www.extremenetworks.com/support/)

### Contact

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San Jose, CA 95134 USA  
Tel: +1 408-579-2800  
Toll-free: +1 888-257-3000

## Regulatory and Compliance Information

### Federal Communications Commission (FCC) Notice

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

 **Note:** This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment uses, generates, and can radiate radio frequency energy and if not installed in accordance with the operator's manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause interference in which case the user will be required to correct the interference at his own expense.

 **Warning:** Changes or modifications made to this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## Industry Canada Notice

This digital apparatus does not exceed the class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la class A prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

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**WARNING:** This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

### Klasse A ITE Anmerkung

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### Product Safety

This product complies with the following: UL 60950-1, FDA 21 CFR 1040.10 and 1040.11, CAN/CSA-C22.2 No. 60950-1, EN 60950-1, EN 60825-1, EN 60825-2, IEC 60950-1, 2006/95/EC.

### Produktsicherheit

Dieses Produkt entspricht den folgenden Richtlinien: UL 60950-1, FDA 21 CFR 1040.10 and 1040.11, CAN/CSA-C22.2 No. 60950-1, EN 60950-1, EN 60825-1, EN 60825-2, IEC 60950-1, 2006/95/EC.

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### Electromagnetic Compatibility (EMC)

This product complies with the following: FCC 47 CFR Part 15 (Class A), ICES-003 (Class A), EN 55022 (Class A), EN 55024, EN 61000-3-2, EN 61000-3-3, AS/NZS CISPR 22 (Class A), VCCI V-3, 2004/108/EC (EMC Directive)

### Elektro-magnetische Kompatibilität (EMC)

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### VCCI Notice

This is a class A product based on the standard of the Voluntary Control Council for Interference by Information Technology Equipment (VCCI). If this equipment is used in a domestic environment, radio disturbance may arise. When such trouble occurs, the user may be required to take corrective actions.

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

### BSMI EMC Statement — Taiwan

This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

**警告使用者：**  
此為甲類資訊技術設備，於居住環境中使用時，可能會造成射頻擾動，在此種情況下，使用者會被要求採取某些適當的對策。

**警告:** 此为A级产品，在生活环境中，该产品可能造成线电干扰。在这种情下，可能需要用户对干扰采取切实可行的措施。

### Battery Warning — Taiwan

### 警告

如果更換不正確之電池型式會有爆炸的風險

請依製造商說明書處理用過之電池

## Battery Notice



**Warning:** This product contains a battery used to maintain product information. If the battery should need replacement it must be replaced by Service Personnel. Please contact Technical Support for assistance.

Risk of explosion if battery is replaced by an incorrect type. Dispose of expended battery in accordance with local disposal regulations.  
**Avvertissements:** Ce produit renferme une pile servant à conserver les renseignements sur le produit. Le cas échéant, faites remplacer la pile par le personnel du service de réparation. Veuillez communiquer avec l'assistance technique pour du soutien.  
Il y a risque d'explosion si la pile est remplacée par un type de pile incorrect. Éliminez les piles usées en conformité aux règlements locaux d'élimination des piles.

### 产品说明书附件

### SUPPLEMENT TO PRODUCT INSTRUCTIONS

部件名称 (Parts)	有毒有害物质或元素 (Hazardous Substance)					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr <sup>6+</sup> )	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
金属部件 (Metal Parts)	×	○	○	○	○	○
电路模块 (Circuit Modules)	×	○	○	○	○	○
电缆及电缆组件 (Cables & Cable Assemblies)	○	○	○	○	○	○
私人适配器/电源 (Power Adapter/Power Supply)	×	○	○	○	○	○

○：表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T 11363-2006 标准规定的限量要求以下。  
Indicates that the concentration of the hazardous substance in all homogeneous materials in the parts is below the relevant threshold of the SJ/T 11363-2006 standard.

×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T 11363-2006 标准规定的限量要求。  
Indicates that the concentration of the hazardous substance of at least one of all homogeneous materials in the parts is above the relevant threshold of the SJ/T 11363-2006 standard.

对销售之目的所售产品，本表显示，激进供应链的电子产品信息可能包含这些物质。注意：在所售产品中可能会也可能不会含有所有列出的部件。This table shows where these substances may be found in the supply chain of Extreme electronic information products, as of the date of sale of the enclosed product. Note that some of the component types listed above may or may not be a part of the enclosed product.

除非另外特别的标注，此标志为针对所涉产品的环保使用期标志。某些零部件会有一个不同的环保使用期(例如，电池单元模块)贴在其产品上。

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The Environmentally Friendly Use Period (EFUP) for all enclosed products and their parts are per the symbol shown here, unless otherwise marked. Certain parts may have a different EFUP (for example, battery modules) and so are marked to reflect such. The Environmentally Friendly Use Period is valid only when the product is operated under the conditions defined in the product manual.



### Hazardous Substances

This product complies with the requirements of Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

### European Waste Electrical and Electronic Equipment (WEEE) Notice



In accordance with Directive 2012/19/EU of the European Parliament on waste electrical and electronic equipment (WEEE): The symbol above indicates that separate collection of electrical and electronic equipment is required.

When this product has reached the end of its serviceable life, it cannot be disposed of as unsorted municipal waste. It must be collected and treated separately.

It has been determined by the European Parliament that there are potential negative effects on the environment and human health as a result of the presence of hazardous substances in electrical and electronic equipment.

It is the users' responsibility to utilize the available collection system to ensure WEEE is properly treated.

For information about the available collection system, please contact Extreme Customer Support at +353 61 705500 (Ireland).

### Safety

Compliant with IEC 60950-1:2005 (Second Edition); Am1:2009 + Am2:2013, EN 60950-1:2006 + A1:2010 + A11:2009 + A12:2011 + A2:2013, UL 62950-1, 2nd Ed. 2011, CSA C22.2 No. 60950-1-07, 2nd Ed. 2011

# Extreme Networks IdentiFi™ Wireless Appliance WS-C35

## Quick Reference